

MAY 17 2004  
**OFFICIAL**

PTO/SB/82 (09-03)

Approved for use through 11/30/2005. OMB 0651-0035

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**REVOCATION OF POWER OF  
ATTORNEY WITH  
NEW POWER OF ATTORNEY  
AND  
CHANGE OF CORRESPONDENCE ADDRESS**

Application Number	09/760,081
Filing Date	Jan. 12, 2001
First Named Inventor	Gary Hanus
Art Unit	1764
Examiner Name	Glenn Caldarola
Attorney Docket Number	20040222.001

I hereby revoke all previous powers of attorney given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint the practitioners associated with the Customer Number: 23595☒ Please change the correspondence address for the above-identified application to:☒ The address associated with  
Customer Number:

23595

OR

☐ Firm or  
Individual Name

Address

Address

City

State

Zip

Country

Telephone

Fax

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

Name

Gary J. Hanus

Signature

Gary J. Hanus

Date

May 10, 2004

Telephone

763-544-2721

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ \*Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/98 (08-03)

Approved for use through 07/31/2008. OMB 0851-0031  
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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Phoenix Solutions Co.Application No./Patent No.: 09/760,081 Filed/Issue Date: January 12, 2001Entitled: Electrically-heated chemical process reactorPhoenix Solutions Co., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or2. ☐ an assignee of less than the entire right, title and interest.The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 011876, Frame 0316, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.☐ Additional documents in the chain of title are listed on a supplemental sheet.☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

May 10, 2004Date  
763-544-2721

Telephone number

Gary J. Hanus

Typed or printed name

Gary J. Hanus

Signature

Sr. Vice President / CTO

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**ASSISTANT SECRETARY AND COMMISSIONER  
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AUGUST 20, 2001

PTAS

PAUL L. SJOQUIST  
16365 CRYSTAL HILLS  
LAKEVILLE, MN 55044

\*101748371A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/11/2001

REEL/FRAME: 011876/0316  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HANUS, GARY J.

DOC DATE: 01/09/2001

ASSIGNOR:

OLSTAD, STUART J.

DOC DATE: 01/09/2001

ASSIGNEE:

PHOENIX SOLUTIONS CO.  
5900 OLSON MEMORIAL HIGHWAY  
MINNEAPOLIS, MINNESOTA 55422

SERIAL NUMBER: 09760081

FILING DATE: 01/12/2001

PATENT NUMBER:

ISSUE DATE:

MARCUS KIRK, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

06-13-2001

46694-10  
FORM PTO-1595

4-11-01

101748371

RECORDATION FORM COVER SHEET  
PATENTS ONLYU.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

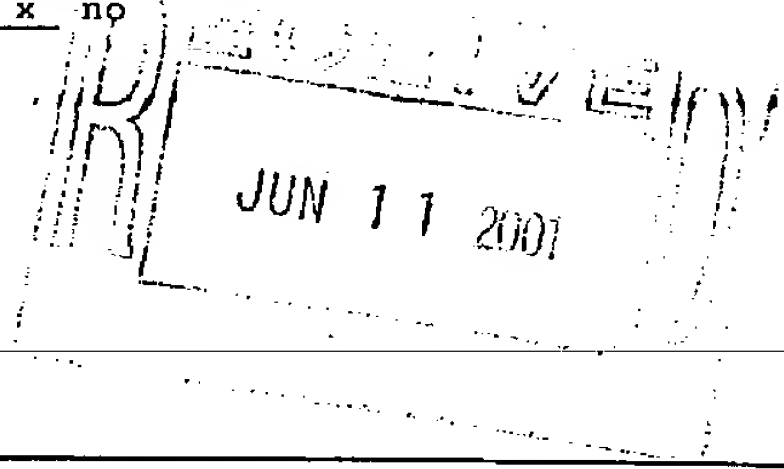
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Gary J. Hanus  
Stuart J. OlstadAdditional name(s) of conveying party(ies) attached?  
☐ yes ☒ no2. Name and address of receiving party(ies):  
Name: Phoenix Solutions Co.  
Street Address: 5900 Olson Memorial Highway, Minneapolis, MN 55422Additional name(s) & address(es) attached?  
☐ yes ☒ no

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement  
☐ Change of Name  
☐ Other

Execution Date: January 9, 2001



4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)  
09/760,081

B. Patent No.(s)

Additional numbers attached? ☐ yes ☒ no

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Paul L. Sjoquist  
Street Address: 16365 Crystal Hills Circle  
City: Lakeville State: MN ZIP: 55044

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40.00  
☒ Enclosed  
☐ Any deficiencies authorized to be charged to deposit account

8. Deposit account number:

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Paul L. Sjoquist

Name of Person Signing

Signature

6/1/2001  
Date

Total number of pages including cover sheet, attachments, and document: 3

Patent Docket 46694-10

**ASSIGNMENT**

Whereas, the undersigned inventor(s) (hereinafter referred to as "ASSIGNOR"), have invented certain new and useful improvements in

ELECTRICALLY-HEATED CHEMICAL PROCESS REACTOR.

for which an application is about to be made for Letters Patent of the United States, said application having been executed on even date herewith, and which may be identified in the United States Patent Office by Serial No. 09/760,081, filed Jan. 12, 2001; and

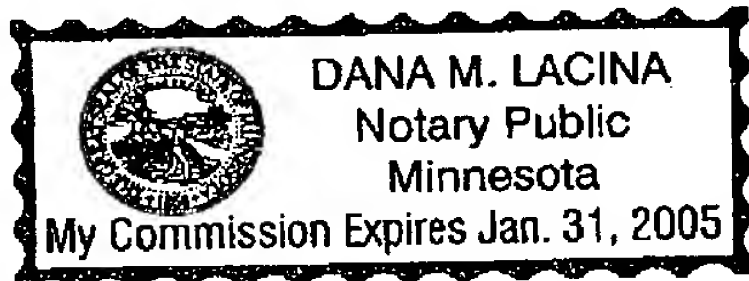
Whereas, Phoenix Solutions Co. (hereinafter referred to as "ASSIGNEE"), a business unit of Fluidyne Engineering Corp., a corporation organized and existing under the laws of Minnesota; and having its principal offices at 5900 Olson Memorial Highway, Minneapolis, MN 55422; is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained therefor;

Now, therefore, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration to ASSIGNOR in hand paid by ASSIGNEE, the receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by presents does hereby sell, assign and transfer unto the ASSIGNEE, its successors and assigns, my entire right, title and interest in and to said invention, said application and the Letters Patent, in the United States and all countries throughout the world, and any continuations, continuations-in-part, and divisions thereof that may or shall issue, including all of its rights under International Conventions, and ASSIGNOR does hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above-mentioned ASSIGNEE in accordance herewith.

ASSIGNOR hereby authorizes the ASSIGNEE, its successors and assigns, or anyone it may properly designate, to insert in this instrument the filing date and serial number of said application when ascertained.

ASSIGNOR further authorizes said ASSIGNEE, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of the International Convention.

Upon said consideration, ASSIGNOR does hereby covenant and agree with the ASSIGNEE, its successors and assigns, that ASSIGNOR will not execute any writing or do any act whatsoever conflicting with these presents, and that ASSIGNOR or its executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the ASSIGNEE, its successors and assigns, execute such additional acts as said ASSIGNEE, its successors and assigns, may deem necessary or desirable to protect the ASSIGNEE's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuation, continuation-in-part, or reissued or extended Letters Patent of the United States, or any of and all foreign countries, on said invention, and in enforcing any rights, occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.



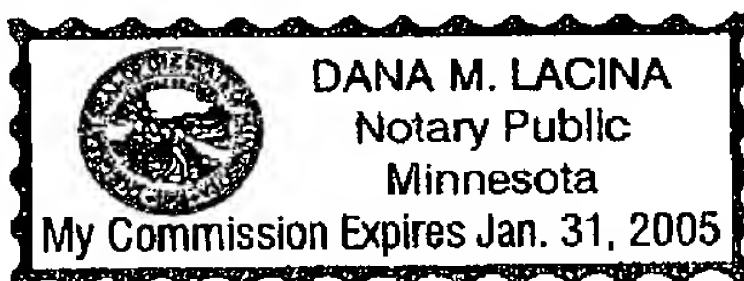
ASSIGNOR

Name:

Gary J. Hanus  
Gary J. HanusAddress: ~~5700~~ 5336 Brookview Ave  
Edina, MN 55424

Subscribed and sworn to before me  
this 9<sup>th</sup> day of January, 2001

Dana M. Lacina  
Notary Public



ASSIGNOR

Name:

Stuart J. Olstad  
Stuart J. OlstadAddress: 9792 IVES LN N.  
MAPLE GROVE, MN  
55369

Subscribed and sworn to before me  
this 9<sup>th</sup> day of January, 2001

Dana M. Lacina  
Notary Public